DEVELOPMENT SERVICES DEPARTMENT
ENVIRONMENTAL COORDINATOR
450 110th Ave NE., P.O. BOX 90012
BELLEVUE, WA 98009-9012

OPTIONAL DETERMINATION OF NON-SIGNIFICANCE (DNS) NOTICE MATERIALS

The attached materials are being sent to you pursuant to the requirements for the Optional DNS Process (WAC 197-11-355). A DNS on the attached proposal is likely. This may be the only opportunity to comment on environmental impacts of the proposal. Mitigation measures from standard codes will apply. Project review may require mitigation regardless of whether an EIS is prepared. A copy of the subsequent threshold determination for this proposal may be obtained upon request.

File No. 20-123012-WG

Project Name/Address: COBU 2 Enatai Dr. Lake Line Improvement, 2 Enatai Dr.

Planner: Reilly Pittman
425-452-4350
rpittman@bellevuewa.gov

Minimum Comment Period: February 15, 2021

Materials included in this Notice:

- ☑ Blue Bulletin
- ☑ Checklist
- ☑ Vicinity Map
- ☑ Plans
- ☐ Other:

OTHERS TO RECEIVE THIS DOCUMENT:

- ☑ State Department of Fish and Wildlife
- ☑ State Department of Ecology, Shoreline Planner N.W. Region
- ☑ Army Corps of Engineers
- ☑ Attorney General
- ☑ Muckleshoot Indian Tribe

SEPA checklist reviewed by Reilly Pittman on 1/7/21

SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for nonproject proposals:

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (part D). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background [HELP]

1. Name of proposed project, if applicable: 2 Enatai Sewer Cleanout Installation

2. Name of applicant: City of Bellevue Utilities, Arturo Chi, PE

3. Address and phone number of applicant and contact person: PO Box 90012 – 450 110th Ave NE; Bellevue, WA 98009-9012; (425) 452-4119

4. Date checklist prepared: November 11, 2020

5. Agency requesting checklist: City of Bellevue

6. Proposed timing or schedule (including phasing, if applicable):

Project is anticipated to be completed in summer 2021. Work within the lake will be performed during the available work window as dictated by the Corps of Engineers and Washington Department of Fish and Wildlife (WDFW).

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain. No.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

2 Enatai Drive Sewer Cleanout Installation Cultural Resources Assessment. Bellevue, King County, WA, prepared by Environmental Science Associates, dated November 2020.

2 Enatai Drive Sewer Cleanout Installation Biological Evaluation, prepared by Environmental Science Associates, dated November 2020.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain. No.

10. List any government approvals or permits that will be needed for your proposal, if known.

City of Bellevue
- Shoreline Substantial Development Permit with SEPA
- Clearing and Grading Permit

Washington Department of Fish and Wildlife
- Hydraulic Project Approval

U.S. Army Corps of Engineers
- Nationwide Permit (Section 404)

Washington Department of Ecology
- Water Quality Certification (Section 401)

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this

page. (Lead agencies may modify this form to include additional specific information on project description.)

The proposed work will install structures to allow for clean out of the Lake Line sewer, an 8-inch cast iron sewer installed in 1965 that runs along the east shoreline of Lake Washington. Currently, the City does not have an effective way to clean out the Lake Line sewer. The installation of land-based cleanouts will allow the City to clean the Lake Line in each direction. Cleanouts are required to properly maintain the sewer system and reduce the chance of overflows. See attached Sheets 1 – 4.

The work will be achieved by the installation of two parallel 8-inch diameter PVC cleanout pipes, which will extend a distance of approximately 17 feet from the existing sewer pipe. At the landward (upland) project terminus, a plastic meter box will be installed, along with a mechanical cap at the end of the pipes. The PVC cleanout pipes will be installed approximately 5 feet underneath an existing concrete bulkhead/retaining wall. Depending on the vertical extent of the bulkhead, the pipes will be routed under the wall or installation may require coring of the wall to install the pipes through the wall.

The upland portions of the site will be restored to existing conditions and grade. All landscaped lawn disturbed during construction will be replanted. The project will not disturb any other shoreline vegetation (e.g., trees or shrubs). The staging and stockpiling area will be in the grassy area, landward of the project site. Materials staged or stockpiled will be limited to 60 feet of pipe, pipe fittings, backfill, a small excavator, and a bobcat.

In-water Work

In order to minimize any effects to fish and aquatic species, the in-water work area in Lake Washington will be isolated with a cofferdam and dewatered prior to any in-water excavation. Prior to the installation of the cofferdam, fish will be removed from the work area using seines. The cofferdam will be constructed of sandbags/super sacks or will be composed of sheet pile, installed through vibratory methods. If sheet piles are used, impact driving of the sheets will not be allowed. After the cofferdam is installed, the site will be dewatered to allow for excavation. All dewatering water from the cofferdam will be pumped directly into the existing Lake Line sewer, to ensure no turbidity or water quality effects occur in Lake Washington. Subsequent to dewatering, the site will then be excavated to allow for connection of the new PVC dual pipes to the existing sewer line. Generally, the excavation trench will extend out 2 feet from the edge of the new pipes and approximately 0.5-feet below the bottom of the new/existing pipes to allow installation of the pipe bedding.

In-water excavation will be conducted using an excavator stationed in the upland. No tracked or wheeled construction equipment will enter the OHWM of Lake Washington. Excavation will occur over an area of approximately 130 CF and approximately 14 CY of native material will be excavated. The excavated material may be temporarily stored on-site in the upland, or on a barge, for re-use as backfill. If this occurs, appropriate containment BMPs would be applied to the stockpiled soils to ensure no sediment enters Lake Washington.

Although not likely, there is also the potential that small (less than 10-foot-wide) work barges could be used to facilitate construction. If a barge is used, precautions will be taken to avoid grounding of the barge on the lake bed and to minimize propeller wash that could create turbid conditions in the lake.

Once all in-water excavation has occurred, the pipes will be placed on a 0.5 feet of bedding material and will be backfilled with either stockpiled lakebed material, clean streambed gravel mix, or a combination of the two material types. Following placement of all backfill material, the cofferdams will be removed, followed by removal of the fish exclusion netting.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

The project is located on the east shore of Lake Washington, in the city of Bellevue, within King County, Washington (see Sheet 1). The project is located in the western half of Section 8 of Township 24 North, Range 5E (Willamette Meridian). The project is located at the end of a sewer easement off of Enatai Drive. The project is located approximately 1,000 feet due north of I-90.

B. Environmental Elements [HELP]

1. *Earth* [help]

a. General description of the site:

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other lake bed

b. What is the steepest slope on the site (approximate percent slope)? 10 %

c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils.

Sand, silt, and gravel.

d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

No.

e. Describe the purpose, type, total area, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill.

The depth of the excavation for the clean-out pipes would range from 5 feet (from upland) to 2 feet (to lake line connection). On-land (above OHWM) excavation is anticipated to be 18 cubic yards with an equivalent level of backfill. In-water (OHWM and below) excavation is anticipated to be 14 cubic yards and an equivalent amount of streambed sediment as backfill. The total excavation and fill for the work is anticipated to be 32 cubic yards.

f. Could erosion occur as a result of clearing, construction, or use? If so, generally describe.

There is a potential for erosion to occur as a result of excavations; however, appropriate temporary erosion and sediment control (TESC) BMPs will be applied to prevent sediment entering adjacent waterbody. Construction staging and stockpile areas for the project will be located in the upland, within an existing grass City right-of-way and outside sensitive areas.

All excavation in lakebed sediments will be confined in an enclosed cofferdam. The cofferdam will consist of either sheet piles, vibrated into the sediment, or the placement of super sack sandbags. Because the sandbags or sheet piles will be installed slowly, one by one, only a small localized area of disturbance occurred at any given time. In either case, the duration of in-water work will be limited to several hours and construction is not expected to generate substantial amounts of suspended sediments. Furthermore, a turbidity curtain will be installed just inside the seine net, which will reduce or eliminate suspended sediment plumes outside of the netted area. The excavated material may be temporarily stored on-site in the upland, or on a barge, for re-use as backfill. If this occurs, appropriate containment BMPs would be applied to the stockpiled soils to ensure no sediment enters Lake Washington.

g. About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?

The plastic meter box to be installed at the upland end of the pipes will have a minimal footprint and represent less than 0.1% of the overall site.

h. Proposed measures to reduce or control erosion, or other impacts to the earth, if any:

TESC measures will be implemented to place to minimize or eliminate the potential for turbidity and sedimentation in Lake Washington as described above.

2. Air [help]

a. What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known.

During construction activities, there would be a small increase in exhaust emissions from construction vehicles and equipment. Emissions would be localized and temporary.

b. Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe.

No.

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

Construction equipment shall be maintained and serviced on a regular basis to reduce the potential for air pollution. Equipment will be used only while actively working and idling will be kept to a minimum to prevent excess emissions.

3. Water [help]

a. Surface Water: [help]

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

Lake Washington.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

Yes, work will occur in and adjacent to Lake Washington as described in A.11 . In order to minimize any effects to fish and aquatic species, the in-water work area in Lake Washington will be isolated with a cofferdam and dewatered prior to any in-water excavation.

Although not likely, there is also the potential that small (less than 10-foot-wide) work barges could be used to facilitate construction. If a barge is used, precautions will be taken to avoid grounding of the barge on the lake bed and to minimize propeller wash that could create turbid conditions in the lake.

Once all in-water excavation has occurred, the pipes will be placed on bedding material and will be backfilled with either stockpiled lakebed material, clean streambed gravel mix, or a combination of the two material types. Following placement of all backfill material, the cofferdams will be removed, followed by removal of the fish exclusion netting.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

In-water (OHWM and below) excavation is anticipated to be 14 cubic yards and an equivalent amount of streambed sediment as backfill over an approximately 130 square foot area.

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No; however, a cofferdam will be temporarily installed to facilitate in-water work as described above.

5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

No.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

No. Excavated sediment will be backfilled into the area excavated for the pipe installation.

b. Ground Water: [help]

1) Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known.

No.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals. . . ; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

None.

c. Water runoff (including stormwater):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

During construction, ground disturbance activities could result in short-term, temporary changes to drainage patterns and an increased potential for sedimentation and erosion at the project site. BMPs would be used to manage construction disturbance and stormwater runoff, and minimize erosion and sedimentation.

2) Could waste materials enter ground or surface waters? If so, generally describe.

Any construction site has the potential to contain sediment and small amounts of equipment-related petroleum products (motor oil, diesel fuel, hydraulic fluid). BMPS, including spill and containment measures, would be implemented to minimize equipment-related materials and sediment from leaving the site and potentially entering surface waters.

3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.

The completed project would not affect local drainage patterns at the project site. Areas of ground disturbance would be restored in kind, and upon the completion of project construction, site grades would be restored to match pre-project conditions.

d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:

BMPS, including spill and containment measures, would be implemented to minimize equipment-related materials and sediment from leaving the site and potentially entering surface waters.

4. Plants [help]

a. Check the types of vegetation found on the site:

__X_deciduous tree: alder, maple, aspen, other
__X_evergreen tree: fir, cedar, pine, other
__X_shrubs
__X_grass
____pasture
____crop or grain
____ Orchards, vineyards or other permanent crops.
____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
____water plants: water lily, eelgrass, milfoil, other
____other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

The project may disturb a small amount of aquatic plants during in-water construction. On-land vegetation removal will be minimized to the extent practicable and will be confined to mowed grass.

c. List threatened and endangered species known to be on or near the site.

There are no threatened or endangered plant species known to occur in the project vicinity.

d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:

Upland construction activities would occur in a sewer easement consisting of mowed grass. Per City of Bellevue Land Use Code (LUC) 20.25E.060k and 20.25E.070E, the impacted area will be restored at a 1:1 ratio, and will include a native plantings.

e. List all noxious weeds and invasive species known to be on or near the site.

There is a potential for Eurasian milfoil, a noxious weed, to be on or near the project site.

5. Animals [help]

a. List any birds and other animals which have been observed on or near the site or are known to be on or near the site.

Bald eagles, peregrine falcons, osprey, songbirds, salmon, bull trout, steelhead

Examples include:

birds: hawk, heron, eagle, songbirds, other:
mammals: deer, bear, elk, beaver, other:
fish: bass, salmon, trout, herring, shellfish, other _____

b. List any threatened and endangered species known to be on or near the site.

Three listed fish species occur in Lake Washington and may occur in the project area: Puget Sound Chinook salmon (Oncorhynchus tshawytscha), Puget Sound steelhead (O. mykiss), and Coastal-Puget Sound bull trout (Salvelinus confluentus).

c. Is the site part of a migration route? If so, explain.

Adult and juvenile salmon migrate up and down Lake Washington. Migrating waterfowl may use the lake as resting and foraging areas.

d. Proposed measures to preserve or enhance wildlife, if any:

All in-water work will coincide with the Washington Department of Fish and Wildlife (WDFW) salmon and bull trout work window for Lake Washington. All excavation in lakebed sediments will be confined in an enclosed cofferdam.

And work window for Lake Washington controlled by USACE

Prior to the installation of the cofferdam, fish will be removed from the work area using seines. This non-invasive technique is well-suited to the site, as water depths within the area to be isolated are shallow, varying from 0 to 4 feet. A team of qualified biologists will deploy a weighted seine net with floats parallel to the shoreline and enter the lake, herding all fish from the work area. The area will be seined to form a rectangular work area with netting on all sides. The corners of the net will be secured with posts and will be left in place for the duration of the construction work.

Construction staging and stockpile areas for the project will be located in the upland, within a City sewer easement and outside sensitive areas, such as wetlands and streams. Isolation of the in-water work area will be conducted in accordance with the 2012 Fish Exclusion Protocols and Standards or as directed by the HPA for the project.

e. List any invasive animal species known to be on or near the site.

None.

6. Energy and Natural Resources [help]

a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

N/A

b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

No.

c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

None.

7. Environmental Health [help]

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

The in-water work will be performed with an excavator operating within a cofferdam and may be supported by a work barge/tug with fuel onboard.

1) Describe any known or possible contamination at the site from present or past uses.

None known.

2) Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity.

None known.

3) Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.

None.

4) Describe special emergency services that might be required.

None.

5) Proposed measures to reduce or control environmental health hazards, if any:

A spill prevention, control, and countermeasure (SPCC) plan that will be in place prior to initiation of work. All equipment working below the OHWM will be inspected daily for leaks.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

None.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

Short-term noise associated with excavation operations. Construction would occur during normal, weekday working hours.

Noise regulated by BCC 9.18

3) Proposed measures to reduce or control noise impacts, if any:

Construction would occur during normal, weekday working hours.

8. Land and Shoreline Use [help]

a. What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe.

The work will occur in, and along the shore of Lake Washington, near single family residences.

b. Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or nonforest use?

No.

1) Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:

No.

c. Describe any structures on the site.

A concrete bulkhead/retaining wall is located within the project site. No other structures are located on the project site.

d. Will any structures be demolished? If so, what?

No. The PVC cleanout pipes will be installed approximately 5 feet underneath the existing concrete bulkhead/retaining wall. Depending on the vertical extent of the bulkhead, the pipes will be routed under the wall or installation may require coring of the wall to install the pipes through the wall.

e. What is the current zoning classification of the site?

Residential – 3.5 (R-3.5)

f. What is the current comprehensive plan designation of the site?

Single-family – medium density (SF-M)

g. If applicable, what is the current shoreline master program designation of the site?

Shoreline Residential

h. Has any part of the site been classified as a critical area by the city or county? If so, specify.

Lake Washington. No other critical areas are located on or adjacent to the site.

i. Approximately how many people would reside or work in the completed project?

N/A

j. Approximately how many people would the completed project displace?

N/A

k. Proposed measures to avoid or reduce displacement impacts, if any:

N/A

L. Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:

N/A. Project is maintaining an existing sewer line.

m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:

N/A.

9. Housing [help]

a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

N/A.

b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

N/A.

c. Proposed measures to reduce or control housing impacts, if any:

N/A.

10. Aesthetics [help]

a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?

N/A.

b. What views in the immediate vicinity would be altered or obstructed?

None.

b. Proposed measures to reduce or control aesthetic impacts, if any:

Upland construction activities would occur in a sewer easement consisting of mowed grass. Per City of Bellevue Land Use Code (LUC) 20.25E.060k and 20.25E.070E, the impacted area will be restored at a 1:1 ratio to maintain aesthetic and shoreline functions.

11. Light and Glare [help]

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

None.

b. Could light or glare from the finished project be a safety hazard or interfere with views?

No.

c. What existing off-site sources of light or glare may affect your proposal?

None.

d. Proposed measures to reduce or control light and glare impacts, if any:

None.

12. Recreation [help]

a. What designated and informal recreational opportunities are in the immediate vicinity?

Lake Washington provides swimming, boating, fishing, and wildlife viewing opportunities.

b. Would the proposed project displace any existing recreational uses? If so, describe.

The project would displace recreational activity at the site during the day on the days work would be occurring. The displacement would be temporary in nature.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

None.

13. Historic and cultural preservation [help]

a. Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers ? If so, specifically describe.

Because the Project is anticipated to begin in 2021, any built environment resources would need to have been built in or before 1971 to be considered historic-age (50 years or older) and therefore meeting the minimum age threshold for consideration of eligibility to the National Register of Historic Places (NRHP). The existing 8-inch diameter cast iron sanitary sewer line was built in 1965. It is the Killarney segment of the larger Lake Washington lakeline. The Killarney segment sewer line has not been inventoried or evaluated for its potential NRHP eligibility. The age of the existing retaining wall and manhole number 201838 is unknown. Of the five residences adjacent to the sewer easement, four are historic-aged. None of these resources have been inventoried and evaluated for their potential NRHP eligibility. Additional information is included in the Cultural Resources Assessment (ESA, 2020).

b. Are there any landmarks, features, or other evidence of Indian or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources.

A subsurface site survey was not conducted due to the documented previous disturbance as a result of lakeline construction. Additionally, prior to completion of the Lake Washington Ship Canal in 1916 the level of Lake Washington was 8-10 feet (2.4-3.0 meters) higher than current conditions. This does not preclude artifacts or features from still being present within the project area. However, it is unlikely that sites with the potential to be listed on the NRHP are present within the project area. There are three archaeological sites recorded within one mile of the project area: 45-KI-1008, 45-KI-1217, and 45-KI-1348. All three sites exist along Bellevue Way SE and were identified during work for the Sound Transit East Link Light Rail Project. All three sites contain historic-era components. While 45-KI-1008 and 45-KI-1348 are primarily historic sites, site 45-KI-1217 is a multi-component site that contains a precontact lithic scatter and fire modified rock (FMR). Additional information is included in the Cultural Resources Assessment (ESA, 2020).

c. Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.

The Cultural Resources Assessment included a desktop assessment in a one-mile study area surrounding the project area. It was based on review of prior archaeological survey reports, recorded cultural resources, historic register-listed properties, ethnographic studies, historical maps, government landowner records, aerial photographs, regional histories, geological maps, soils surveys, and environmental reports. These sources were reviewed in order to identify cultural resources, including archaeological sites, historic properties, cemeteries and Traditional Cultural Properties (TCPs), within the APE, and the probability for unrecorded resources. Research included review of the Washington Information System for Architectural and Archaeological Records Data (WISAARD) system maintained by the Washington State Department of Archaeology and Historic Preservation (DAHP), digital collections of the U.S. Bureau of Land Management, King County Road Services, King County Assessor, other online resources, and resources within ESA's research library.

d. Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required.

Based upon the results of the assessment, there were no recommendations for further cultural resources work within the project area. Due to the project's close proximity to the lake shore, an inadvertent discovery plan (IDP) has been prepared to be put in place during project construction. The IDP will establish procedures to be followed in the event that potential archaeological resources, or unusual built environment features, are encountered during project construction.

14. Transportation [help]

a. Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any.

The project is located off of Enatai Drive, which is accessed from SE 30th Street in Bellevue, WA.

b. Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?

The site is approx.. one mile from the nearest transit stop.

c. How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?

N/A

d. Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private).

No

e. Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

Yes, the project includes work within Lake Washington.

f. How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and nonpassenger vehicles). What data or transportation models were used to make these estimates?

None additional.

g. Will the proposal interfere with, affect or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe.

No.

h. Proposed measures to reduce or control transportation impacts, if any:
None.

15. Public Services [help]

a. Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe.

No.

b. Proposed measures to reduce or control direct impacts on public services, if any.

None.

16. Utilities [help]

a. Circle utilities currently available at the site:
electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other _____

c. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

No new utilities are proposed. This is a utility maintenance project.

C. Signature [HELP]

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: 

Name of signee Arturo Chi

Position and Agency/Organization Project Manager / City of Bellevue

Date Submitted: 11/23/2020

RP

CITY OF BELLEVUE
UTILITIES

PERMIT SET
2 ENATAI SEWER CLEANOUT INSTALLATION
C.I.P. NO. S-32

MAYOR

JOHN CHELMINIAK

DEPUTY MAYOR

LYNNE ROBINSON

CITY MANAGER

BRAD MIYAKE

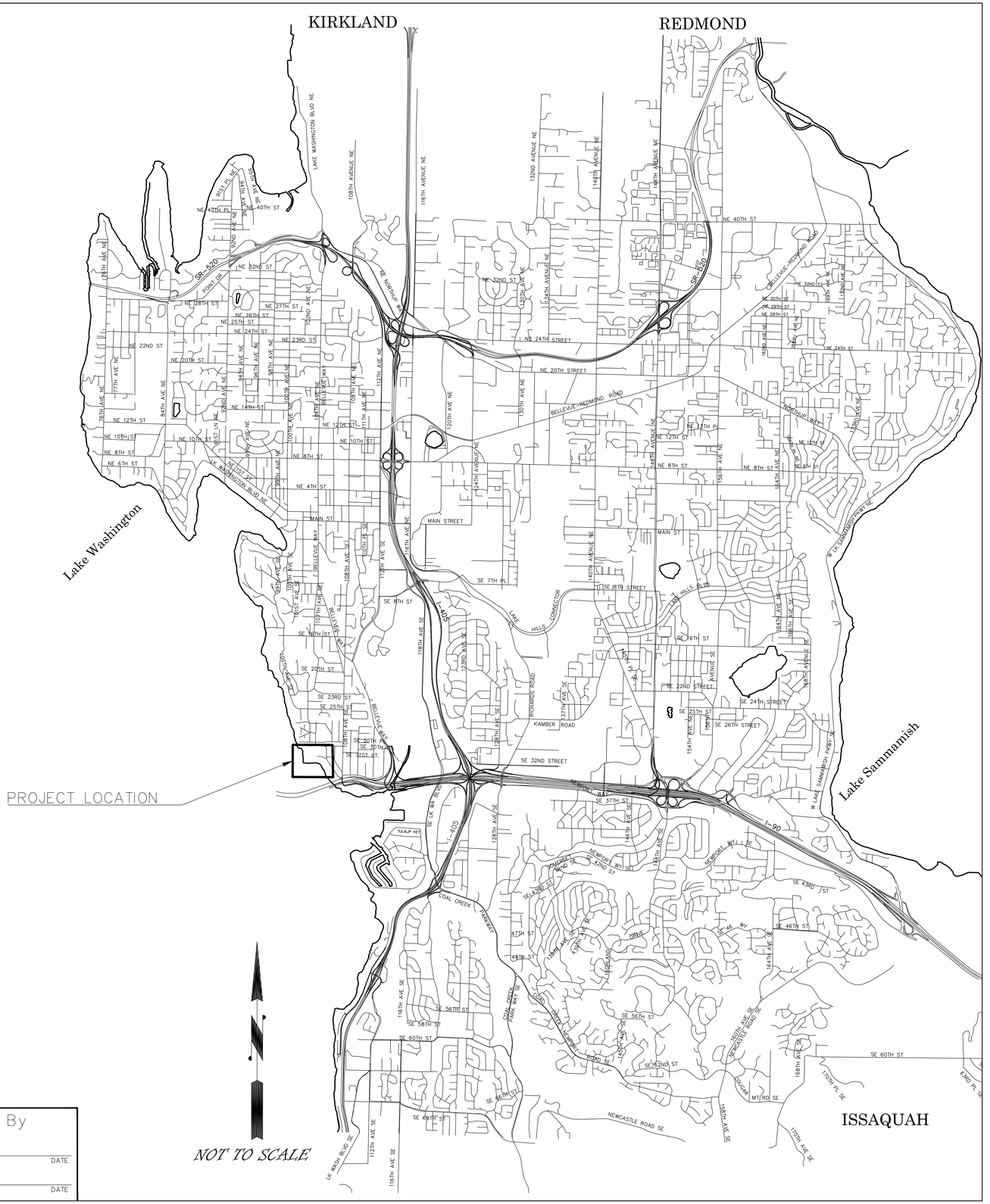
CITY COUNCIL

CONRAD LEE
JARED NIEUWENHUIS
JENNIFER ROBERTSON
JOHN STOKES
JANICE ZAHN

DIRECTOR OF UTILITIES DEPARTMENT

NAV OTAL

SHEET NO	DRAWING	DRAWING TITLE
1	G001	COVER SHEET
2	G002	GENERAL NOTES, LEGEND, AND SURVEY CONTROL
3	C101	OVERALL SITE
4	C102	ENLARGED PLAN AND PROFILE



PRELIMINARY SUBMITTAL NOT FOR CONSTRUCTION

Brown AND Caldwell

SEATTLE, WASHINGTON

Approved By

UTILITIES ENGINEERING PROJECT MANAGEMENT SECTION MANAGER — DATE

PROJECT MANAGER — DATE

BID NO. XXXXX

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE 2019 CITY OF BELLEVUE UTILITY ENGINEERING STANDARDS AND THE PROJECT SPECIFICATIONS.
2. THE LOCATIONS OF ALL EXISTING SANITARY SEWERS SHOWN HEREON HAVE BEEN ESTABLISHED BY FIELD SURVEY OR OBTAINED FROM AVAILABLE RECORDS AND SHOULD THEREFORE BE CONSIDERED APPROXIMATE ONLY AND NOT NECESSARILY COMPLETE. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INDEPENDENTLY VERIFY THE ACCURACY OF ALL SEWER LOCATIONS SHOWN, AND TO FURTHER DISCOVER AND AVOID ANY OTHER UTILITIES NOT SHOWN HEREIN WHICH MAY BE AFFECTED BY THE IMPLEMENTATION OF THIS PLAN. IMMEDIATELY NOTIFY THE ENGINEER IF A CONFLICT EXISTS.
3. ALL TESTING SHALL BE DONE IN THE PRESENCE OF A REPRESENTATIVE OF THE CITY OF BELLEVUE UTILITIES DEPARTMENT.
4. CONTRACTOR SHALL ADJUST ALL METER BOX RIMS TO FLUSH WITH FINAL FINISHED GRADES, UNLESS OTHERWISE SHOWN.
5. THE CONTRACTOR SHALL ENSURE AND VERIFY THAT NO CONFLICTS EXIST BETWEEN SANITARY SEWER LINES AND PROPOSED OR EXISTING UTILITIES PRIOR TO CONSTRUCTION.
6. THE CONTRACTOR SHALL USE A VACUUM STREET SWEEPER TO REMOVE DUST AND DEBRIS FROM PAVEMENT AREAS AS DIRECTED BY THE ENGINEER.
7. CALL 1-800-424-5555, OR 811, 72 HOURS BEFORE CONSTRUCTION FOR UTILITY LOCATES.
8. MANHOLES, CATCH BASINS AND VAULTS ARE CONSIDERED TO BE PERMIT-REQUIRED CONFINED SPACES. ENTRY INTO THESE SPACES SHALL BE IN ACCORDANCE WITH CHAPTER 296-809 WAC.
9. WHEN WORK IS TO OCCUR IN EASEMENTS, THE CONTRACTOR SHALL NOTIFY THE EASEMENT GRANTOR AND BELLEVUE UTILITIES IN WRITING A MINIMUM OF 48 HOURS IN ADVANCE OF BEGINNING WORK (NOT INCLUDING WEEKENDS OR HOLIDAYS). FAILURE TO NOTIFY GRANTOR AND BELLEVUE UTILITIES WILL RESULT IN A STOP WORK ORDER BEING POSTED UNTIL THE MATTER IS RESOLVED TO THE SATISFACTION OF BELLEVUE UTILITIES. A WRITTEN RELEASE FROM THE EASEMENT GRANTOR SHALL BE FURNISHED TO THE UTILITY INSPECTOR PRIOR TO PERMIT SIGN-OFF.
10. THE CONTRACTOR SHALL RESTORE THE RIGHT-OF-WAY AND EXISTING PUBLIC SEWER EASEMENT(S) AFTER CONSTRUCTION TO A CONDITION EQUAL OR BETTER THAN CONDITION PRIOR TO ENTRY. THE CONTRACTOR SHALL FURNISH A SIGNED RELEASE FROM ALL AFFECTED PROPERTY OWNERS AFTER RESTORATION HAS BEEN COMPLETED.
11. CONTRACTOR SHALL NOTIFY CITY OF BELLEVUE A MINIMUM OF 72 HOURS (3 WORKING DAYS) IN ADVANCE OF ALL REQUESTS FOR TESTING OR INSPECTIONS.
12. CONTRACTOR SHALL FURNISH SHOP DRAWINGS FOR APPROVAL WHERE REQUIRED BY THE SPECIFICATIONS AND FOR VARIATION FROM THE APPROVED DRAWING.
13. CONTRACTOR SHALL INSTALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND CITY OF BELLEVUE SPECIFICATIONS.
14. CONTRACTOR TO FURNISH ALL MATERIALS EXCEPT AS NOTED.
15. ALL CLEANOUT LOCATIONS TO BE COORDINATED WITH THE CITY OF BELLEVUE, THE CONSTRUCTION MANAGER, AND THE APPLICABLE RESIDENT.
16. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING PIPE AND MANHOLE MATERIAL, ELEVATIONS, LENGTHS, AND SIZES.
17. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE A SET OF THESE APPROVED PLANS ON THE JOB SITE WHENEVER CONSTRUCTION IS IN PROGRESS. NO CHANGES ARE TO BE MADE WITHOUT PRIOR WRITTEN APPROVAL BY THE CITY OF BELLEVUE.
18. ALL MATERIALS PARTS MUST BE ON-SITE AND INSPECTED BY THE CITY OF BELLEVUE OR CONSTRUCTION MANAGER PRIOR TO SCHEDULING ANY/ALL INSTALLATIONS.
19. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING AND MAINTAINING ALL TESC MEASURES FOR WORK AS REQUIRED. CONTRACTOR IS RESPONSIBLE FOR DEVELOPING AND FOLLOWING SPCC AND SWPPP, AS REQUIRED.
20. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING OPERATIONAL AND FUNCTIONING STORM SEWER LINES, POTABLE WATER LINES, POWER, TELEPHONE, CABLE TV AND ALL OTHER LINES IN THE WORK AREA.
21. WHERE EXISTING FACILITIES ARE TO BE REPLACED, ALL MATERIALS REQUIRED TO COMPLETE WORK SHALL BE NEW AND OF SAME SIZE AND DIMENSION AS THAT OF THE EXISTING IMPROVEMENTS, UNLESS OTHERWISE NOTED.
22. IF NECESSARY, USE TEMPORARY SHEETING OR TRENCH BOXES TO MINIMIZE THE SIZE OF THE EXCAVATIONS TO PROTECT ADJACENT EXISTING ROADWAYS, UTILITIES AND OTHER FACILITIES.
23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TRAFFIC MAINTENANCE, BARRICADES, WARNING SIGNS, DELINEATORS, FLAGMEN, ETC. IN ACCORDANCE WITH THE APPROVED PERMIT.
24. CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL PLANS. THE CONTRACTOR SHALL COMPLY WITH WSDOT STANDARD SPECIFICATIONS SECTION 1-07.23 AND WITH ALL PERMIT CONDITIONS.
25. WHERE REQUIRED TO PERFORM THE WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND RELOCATING ALL INFORMATION AND TRAFFIC SIGNS TEMPORARILY DURING CONSTRUCTION. SIGNS SHOULD BE VISIBLE TO MOTORIZED VEHICLES. RE-POSITION SIGNS IN PRECONSTRUCTION LOCATION IMMEDIATELY AFTER CONSTRUCTION IS COMPLETED.
26. CONTRACTOR SHALL MAINTAIN ACCESS TO PRIVATE PROPERTY AT ALL TIMES, AS FEASIBLE. CONTRACTOR SHALL COORDINATE ALL WORK ON PRIVATE PROPERTY WITH THE CONSTRUCTION MANAGER, CITY OF BELLEVUE, AND THE APPLICABLE RESIDENT.
27. PROTECT ALL EXISTING MAILBOXES AND/OR STREET SIGNS FROM DAMAGE. IF NEEDED, REMOVE/REINSTALL EXISTING MAILBOXES AND/OR STREET SIGNS TO FACILITATE CONSTRUCTION. DAMAGED/DISTURBED ITEMS MUST BE REPLACED AT THE CONTRACTOR'S EXPENSE AS SOON AS POSSIBLE.
28. REFER TO CITY OF BELLEVUE SPECIFICATIONS AND STANDARD DETAILS FOR ALL REMAINING NOTES AND DETAILS.
29. KNOWN BENCHMARKS ARE SHOWN. OTHER UNDOCUMENTED BENCHMARKS, PROPERTY CORNERS AND SURVEY FEATURES EXIST. RESTORE PER SPECIFICATIONS IF DISTURBED.
30. IMPACT DRIVEN SHEETS MAY NOT BE USED FOR COFFER DAM CONSTRUCTION.

LEGEND

	FOUND MAG NAIL
	DECIDUOUS TREE
	CONIFER TREE
	STUMP
TBM	TEMPORARY BENCH MARK
TPN	TAX PARCEL NUMBER
EOW	EDGE OF WATER
	WOOD FENCE
	BUILDING ROOF LINE
TOP	BUILDING LINE
TOE	TOP OF BANK
	TOE OF SLOPE
	1' CONTOUR INTERVAL
	5' CONTOUR INTERVAL
G	GAS LOCATES
SS	SEWER LOCATES

BASIS OF BEARINGS:

HELD A BEARING OF N01°02'22"E ALONG THE MONUMENTED CENTERLINE OF 108TH AVENUE SE BETWEEN THE NORTH QUARTER CORNER OF 08-24-05 AND THE CENTER OF SECTION THEREOF.

HORIZONTAL DATUM:

HORIZONTAL DATUM FOR THIS SURVEY IS NAD 1983(11), WASHINGTON STATE PLANE NORTH ZONE COORDINATE SYSTEM, U.S. SURVEY FEET. THE HORIZONTAL DATUM IS BASED ON PUBLISHED INFORMATION FROM CITY OF BELLEVUE, POINT STATIONS 0124 AND 2693.

POINT STATION 0124
NORTHING: 217925.5810
EASTING: 1304037.9150

POINT STATION 2693
NORTHING: 215286.1060
EASTING: 1303990.0310

VERTICAL DATUM:

VERTICAL DATUM IS NAVD88 BASED ON PUBLISHED INFORMATION FROM CITY OF BELLEVUE, BENCHMARK 225

BENCHMARKS:

BENCHMARK 225
TOP OF A CITY OF BELLEVUE BRASS CAP, LOCATED AT THE TOP OF CURB AT THE SOUTH END OF THE RADIUS AT THE SE CORNER OF 105TH AVE. SE AND SE 29TH ST.
ELEVATION: 104.20

TBM#1
TOP OF 60D NAIL IN THE GROUND BETWEEN THE SEWER MANHOLE AND THE DOCK STEPS
ELEVATION: 21.45

TBM #2
TOP OF MAG NAIL WITH WASHER (NO MARKS), LOCATED ON THE TOP OF THE BULKHEAD
ON THE EAST SIDE OF THE DOCK
ELEVATION: 23.35

SURVEY NOTES:

1. THIS MAP CORRECTLY REPRESENTS CONDITIONS AND FEATURES EXISTING AT THE TIME OF THIS SURVEY IN AUGUST, 2020.
2. CONVENTIONAL AND GPS SURVEY EQUIPMENT WAS USED IN THE PERFORMANCE OF THIS SURVEY. ALL EQUIPMENT IS MAINTAINED IN CONFORMANCE WITH CURRENT STATE STATUTE.
3. THIS SURVEY WAS PREPARED BY FIELD TRAVERSE AS PER WAC 332-130-090, PART C. RELATIVE ACCURACY EXCEEDS 1 FOOT IN TEN THOUSAND.
4. ALL SURFACE FEATURES AND INVERT STRUCTURE ELEVATION SHOWN HEREON WERE FIELD LOCATED AND MEASURED BY PARAMETRIX FOR THIS SURVEY. ONSITE UNDERGROUND UTILITY MARKINGS PERFORMED BY OTHERS.
5. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.
6. BOUNDARY INFORMATION SHOWN HEREON IS BASED ON PUBLIC RECORD. THIS IS NOT A BOUNDARY SURVEY, BOUNDARY LINES SHOWN ARE FOR REPRESENTATION PURPOSES ONLY AND SHOULD NOT BE RELIED UPON.
7. THIS SURVEY WAS PERFORMED WITHOUT THE BENEFIT OF A TITLE REPORT, WHICH MAY REVEAL RESTRICTIONS OR EASEMENTS OF RECORD. ACCORDINGLY, NONE ARE SHOWN HEREON.
8. ALL DISTANCES TO FENCES AND STRUCTURES ARE MEASURED AT RIGHT ANGLES TO THE PROPERTY LINES.

ABBREVIATIONS

A	AVENUE
BLVD	BOULEVARD
CD	CONTRACTOR DETERMINATION
CIP	CAPITAL INVESTMENT PROGRAM
COB	CITY OF BELLEVUE
CO	CLEANOUT
CON	CONCRETE PIPE
DI/DIP	DUCTILE IRON PIPE
ESMT	EASEMENT
E	EAST/ELECTRICAL
EX.	EXISTING
FO	FIBER OPTIC
FH	FIRE HYDRANT
FM	FORCEMAIN
INV	INVERT
IE	INVERT ELEVATION
MH	MANHOLE
N	NORTH
NE	NORTHEAST
NW	NORTHWEST
PL	PLACE
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
SS	SANITARY SEWER
S	SOUTH
SE	SOUTHEAST
SW	SOUTHWEST
SD	STORM DRAIN
ST	STREET
TEL	TELEPHONE
TEMP	TEMPORARY
UNK	UNKNOWN
VSP	VITRIFIED (CLAY) SEWER PIPE
WAC	WASHINGTON ADMINISTRATIVE CODE
WSDOT	WASHINGTON DEPARTMENT OF TRANSPORTATION
WY	WAY
W	WEST
'	FEET
"	INCHES

PERMIT SET

NO	DATE	BY	APPR	REVISIONS

Brown AND Caldwell
SEATTLE, WASHINGTON

811 Know what's below. Call before you dig.

PRELIMINARY SUBMITTAL NOT FOR CONSTRUCTION
WILLIAM R. JACOBSEN 46074 REGISTERED PROFESSIONAL ENGINEER

B. JACOBSEN	09/01/2020
DESIGNED BY	DATE
B. JACOBSEN	09/01/2020
DRAWN BY	DATE
R. BARD	09/01/2020
CHECKED BY	DATE

City of Bellevue

2 ENATAI SEWER CLEANOUT INSTALLATION
GENERAL NOTES , LEGEND, SURVEY NOTES, AND ABBREVIATIONS

SHEET G002 | SHT 2 OF 4

GENERAL NOTES:

1. INSTALL STRAW WATTLES ALONG BOTH SIDES OF 2 ENATAI ACCESS TO LAKE WASHINGTON AND ALONG SHORE FRONT, PER BMP C235. INSTALL AND MAINTAIN ALL ADDITIONAL TESC MEASURES REQUIRED BY PERMITS.
2. CONTRACTOR TO MINIMIZE DISTURBANCE TO EX. LAWN AS MUCH AS POSSIBLE. CONTRACTOR SHALL USE PLYWOOD MATTTING OR SIMILAR FOR AREAS OF HIGH PEDESTRIAN AND VEHICLE TRAVEL OVER LAWN AREAS.
3. RESTORE ALL DISTURBED GRASS AREAS WITH SOD PER SPECIFICATIONS.

SCALE IN FEET 0 20 40

PERMIT SET

NO	DATE	BY	APPR	REVISIONS

Brown AND Caldwell

SEATTLE, WASHINGTON

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PRELIMINARY SUBMITTAL NOT FOR CONSTRUCTION

WILLIAM R. BARD, 46074, REGISTERED PROFESSIONAL ENGINEER, STATE OF WASHINGTON

B. JACOBSEN	09/01/2020	DESIGNED BY / DATE
B. JACOBSEN	09/01/2020	DRAWN BY / DATE
R. BARD	09/01/2020	CHECKED BY / DATE

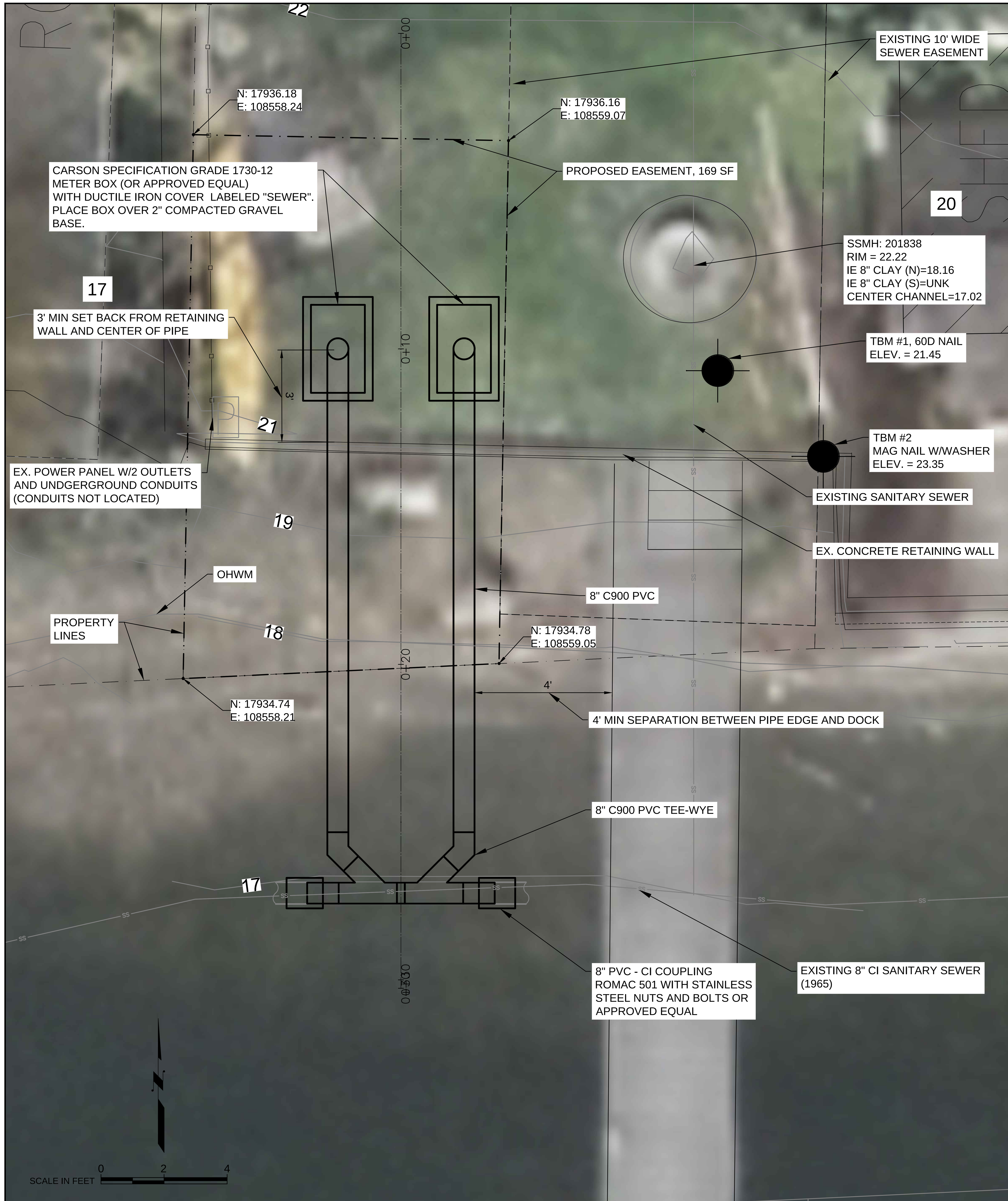
City of Bellevue

2 ENATAI SEWER CLEANOUT INSTALLATION
OVERALL SITE

SHEET C101 | SHT 3 OF 4

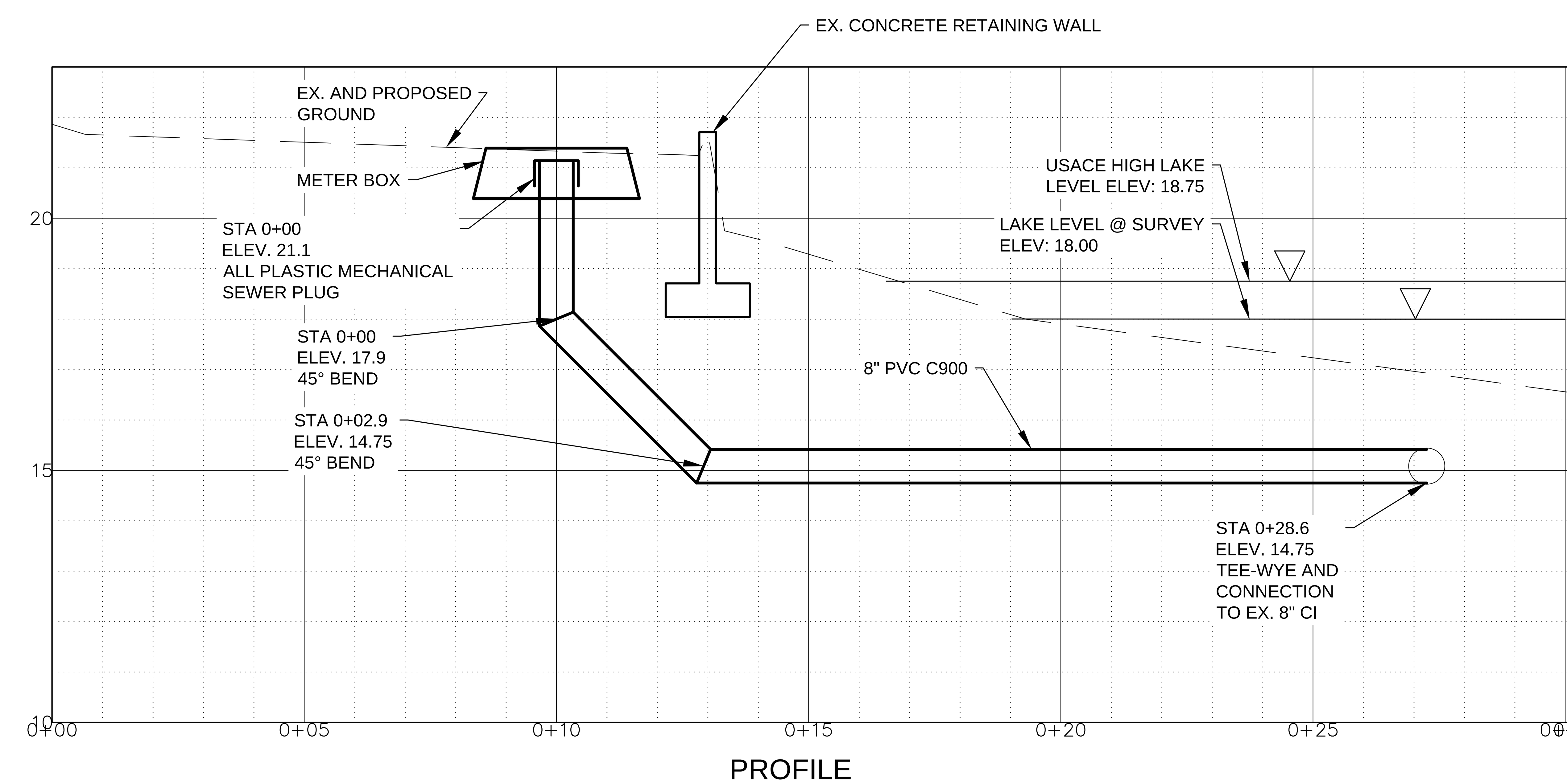
Path: C:\pwworkdir\bentley\projectwiseworkingdir\bwncaldl-pw-01\d0423 Filename: 154874-001-C101 Plot date: Oct 06, 2020-04:05:39pm CAD User: bjacobsen.

Path: C:\pwworkdir\bentley\projectwise\workingdir\brwncald-pw.bentley.com_brwncald-pw-01\d0423 Filename: 154874-001-C101 Plot date: Oct 06, 2020-04:06:33pm CAD User: bjacobsen.



GENERAL NOTES:

1. CONTRACTOR TO DESIGN COFFER DAM AND SHORING. IMPACT DRIVEN SHEETS MAY NOT BE USED
2. PROTECT EX. DOCK.
3. EXTENTS OF RETAINING WALL UNDERGROUND ARE UNKNOWN. CONTRACTOR TO VERIFY. IF WALL EXTENDS DEEPER THAN SHOWN AND INTERFERES WITH THE NEW PIPE, CONTRACTOR TO CORE WALL. CONTRACTOR TO PROTECT AND SUPPORT RETAINING WALL DURING CONSTRUCTION.
4. EXTENTS OF UNDERGROUND POWER ARE UNKNOWN, CONTRACTOR TO LOCATE PRIOR TO CONSTRUCTION.
5. EXACT HORIZONTAL AND VERTICAL ANGLE OF EX. 8" CI SEWER (LAKE LINE) IS UNKNOWN. CONTRACTOR TO HAVE EXTRA FITTINGS ON HAND TO FACILITATE CONNECTIONS AS NEEDED.
6. ALL JOINTS TO BE RESTRAINED.
7. BACKFILL TRENCH SOUTH OF RETAINING WALL WITH NATIVE MATERIAL OR WITH STREAMBED SEDIMENT PER WSDOT 9-03.11(1).
8. BACKFILL TRENCH NORTH OF RETAINING WALL PER SPECIFICATIONS.



PROFILE

SCALE: H 1" = 1', V 1" = 1'

PERMIT SET

NO	DATE	BY	APPR	REVISIONS

Brown AND Caldwell

SEATTLE, WASHINGTON

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PRELIMINARY SUBMITTAL NOT FOR CONSTRUCTION

WILLIAM JACOBSEN STATE OF WASHINGTON 46074 PROFESSIONAL ENGINEER

B. JACOBSEN	09/01/2020	
DESIGNED BY	DATE	
B. JACOBSEN	09/01/2020	
DRAWN BY	DATE	
R. BARD	09/01/2020	
CHECKED BY	DATE	

City of Bellevue

2 ENATAI SEWER CLEANOUT INSTALLATION

ENLARGED PLAN AND PROFILE

SHEET C102 SHT 4 OF 4

GENERAL NOTES:

1. INSTALL STRAW WATTLES ALONG BOTH SIDES OF 2 ENATAI ACCESS TO LAKE WASHINGTON AND ALONG SHORE FRONT, PER BMP C235. INSTALL AND MAINTAIN ALL ADDITIONAL TESC MEASURES REQUIRED BY PERMITS.
2. CONTRACTOR TO MINIMIZE DISTURBANCE TO EX. LAWN AS MUCH AS POSSIBLE. CONTRACTOR SHALL USE PLYWOOD MATTTING OR SIMILAR FOR AREAS OF HIGH PEDESTRIAN AND VEHICLE TRAVEL OVER LAWN AREAS.
3. RESTORE ALL DISTURBED GRASS AREAS WITH SOD PER SPECIFICATIONS.

SCALE IN FEET 0 20 40

PERMIT SET

NO	DATE	BY	APPR	REVISIONS

Brown AND Caldwell
SEATTLE, WASHINGTON

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PRELIMINARY SUBMITTAL NOT FOR CONSTRUCTION

B. JACOBSEN DESIGNED BY	09/01/2020 DATE
B. JACOBSEN DRAWN BY	09/01/2020 DATE
R. BARD CHECKED BY	09/01/2020 DATE

City of Bellevue

2 ENATAI SEWER CLEANOUT INSTALLATION
OVERALL SITE

SHEET C101 SHT 3 OF 4